



Transportation Commission

October 21, 2015



COMMISSION MINUTES: SEPTEMBER 2015 MEETING

Agenda Item #1



UPDATES TO RECEIVE

Agenda Item #2



COMMISSION UPDATES

Agenda Item #3



EISENHOWER WEST SMALL AREA PLAN Public Hearing

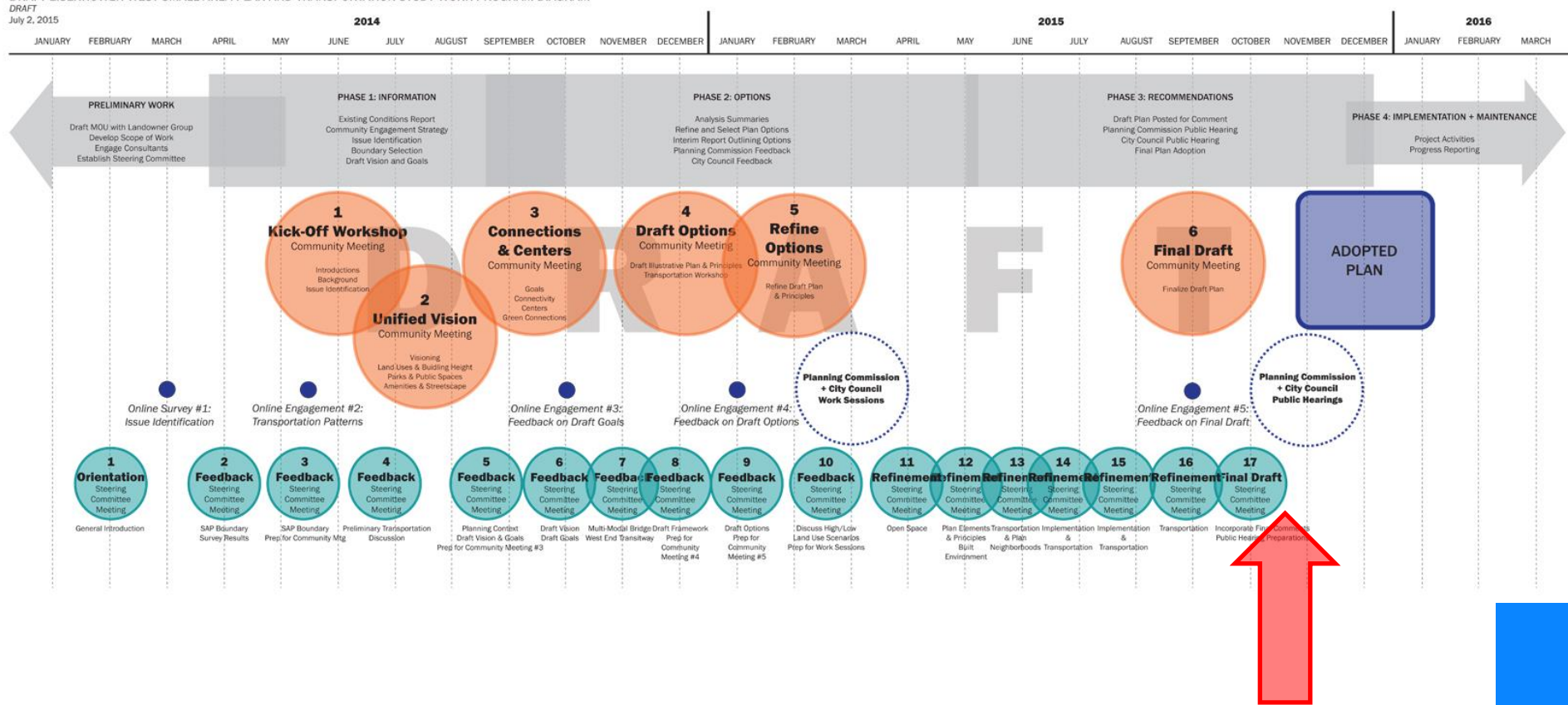
Agenda Item #4

What is the Eisenhower West Small Area Plan?



Work Program: Phasing, Key Meetings, & Online Engagement

DRAFT EISENHOWER WEST SMALL AREA PLAN AND TRANSPORTATION STUDY WORK PROGRAM DIAGRAM



Draft Plan Goals

EISENHOWER WEST GOALS

The goals for Eisenhower West focus on creating, over time, a vibrant, sustainable, connected, transit-oriented community that contributes to the City's economic development goals while providing opportunities for living, working, learning, and recreating.

-  1. Eisenhower West will be an integral part of the City's Eisenhower Valley economic engine in which economic development and employment opportunities are maintained and promoted by capitalizing on the Van Dorn Metrorail Station, proximity to the Capital Beltway, and the opportunity provided by the presence of large land holdings.
-  2. Eisenhower West will have a vibrant mix of uses achieved through phased implementation, including a mix of residential and employment opportunities, and the new mix of uses are able to co-exist with industrial uses remaining in the area long term.
-  3. Eisenhower West will be a transit-oriented community, with density focused around transit nodes and corridors.
-  4. Eisenhower West will have safe, efficient, and linked pedestrian, bicycle, transit, and vehicular mobility thereby providing better access locally and citywide to the future amenities of the area.
-  5. Eisenhower West will be more pedestrian-friendly by humanizing Van Dorn Street, Pickett Street, and Eisenhower Avenue so that they become safer for pedestrians and more attractive to residents and shoppers.
-  6. Eisenhower West will have a connected, accessible, and identifiable park and open space system that serves local and citywide recreational needs.

Draft Plan: Land Use

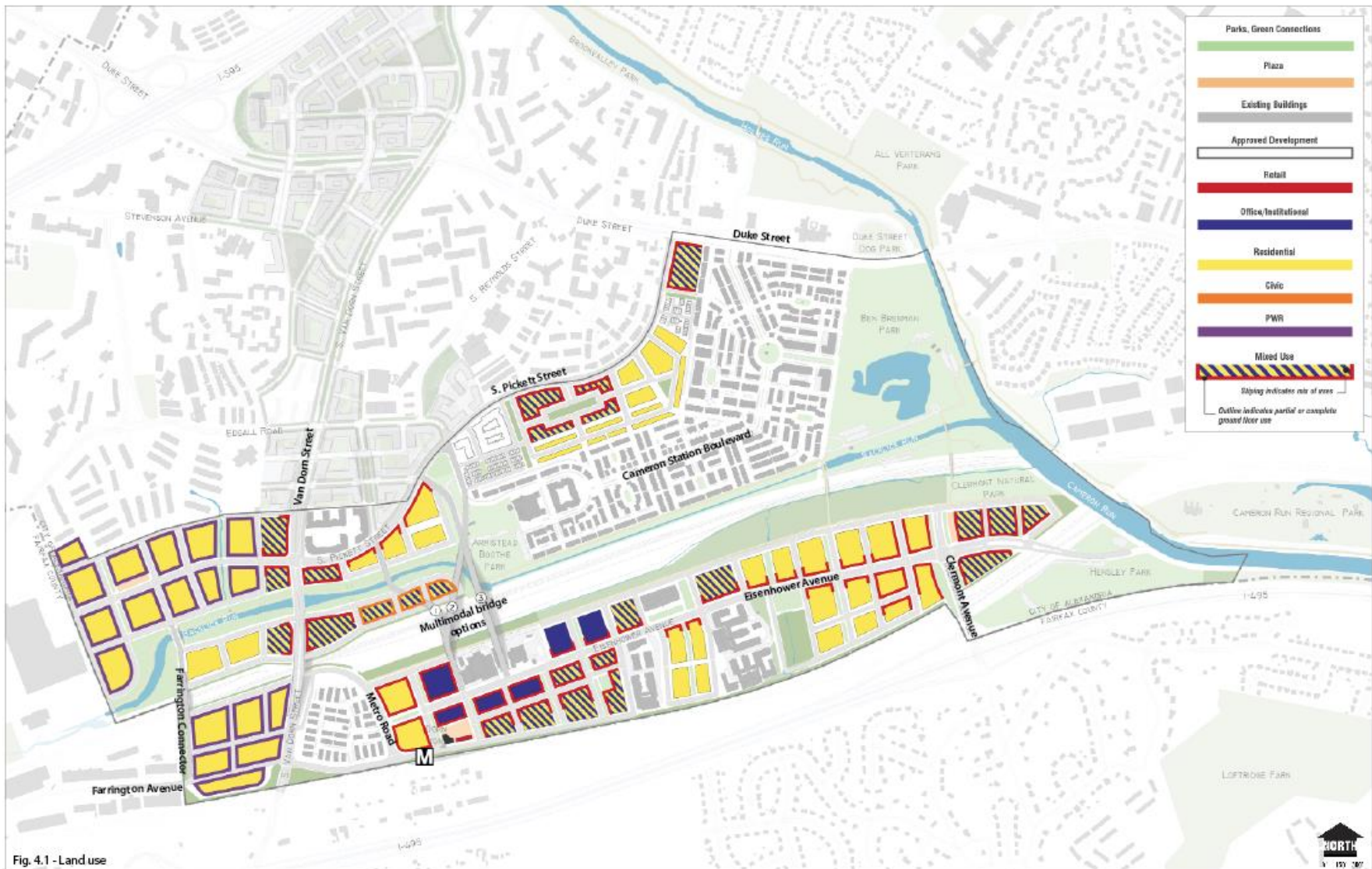
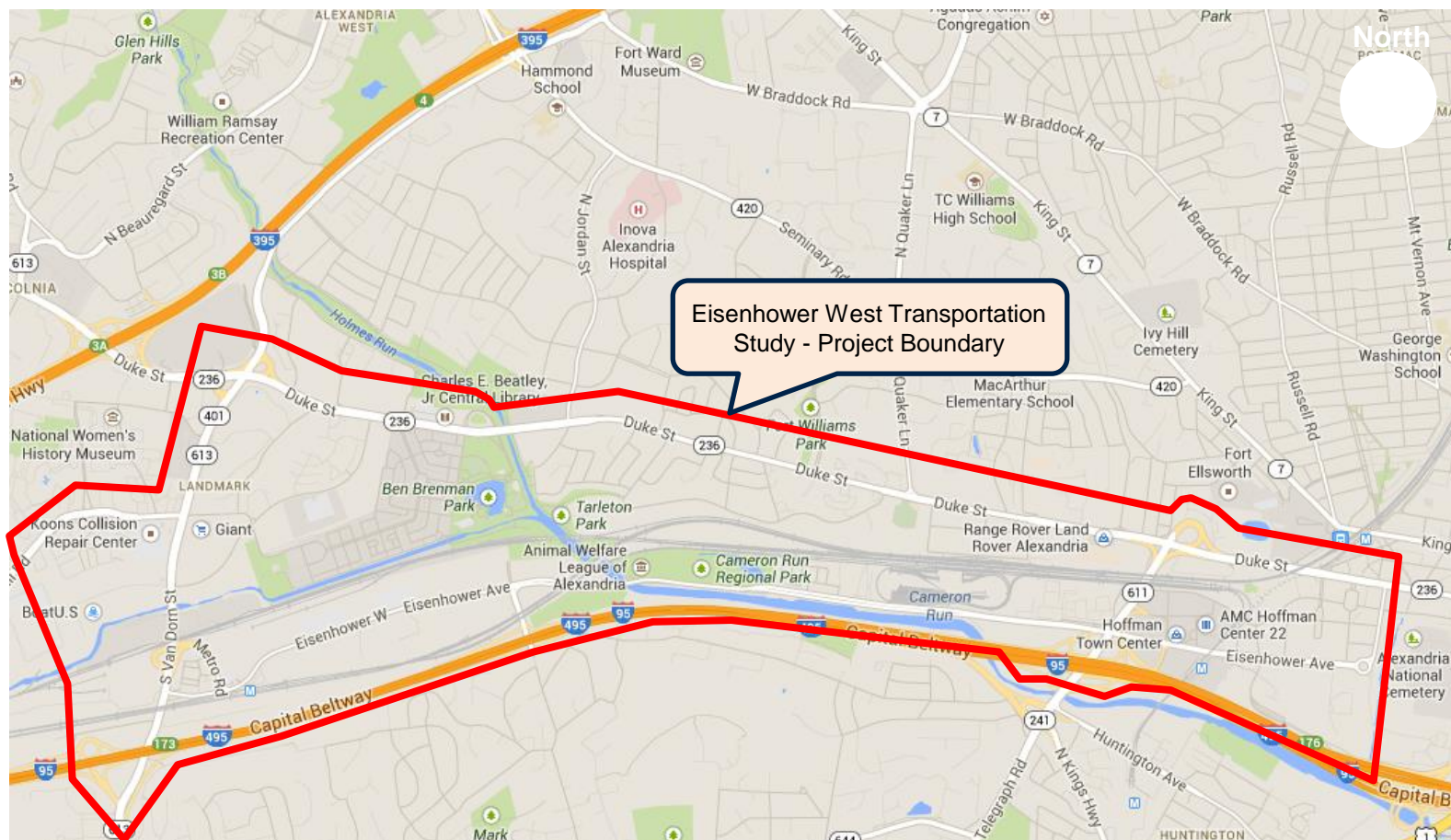
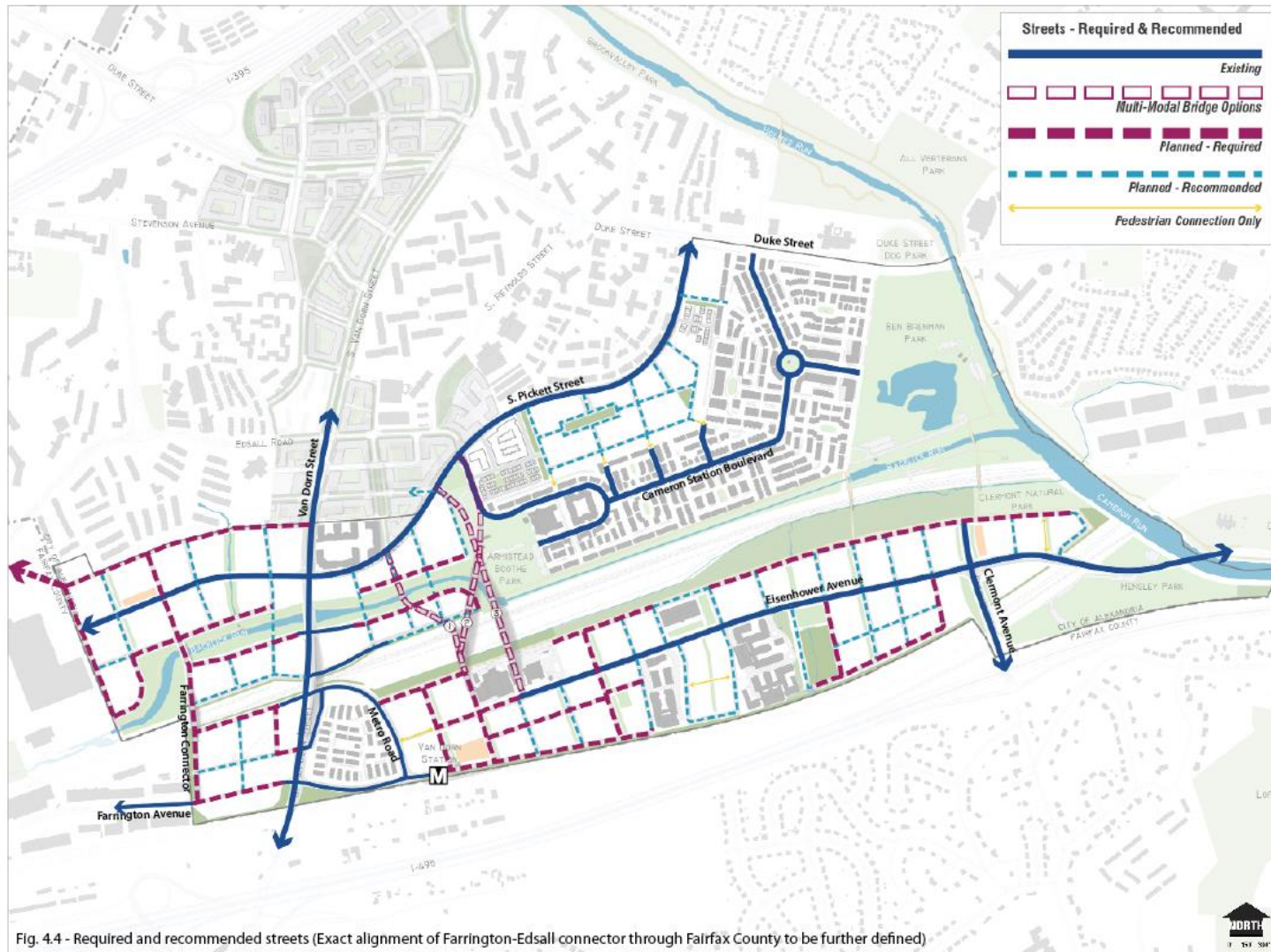


Fig. 4.1 - Land use

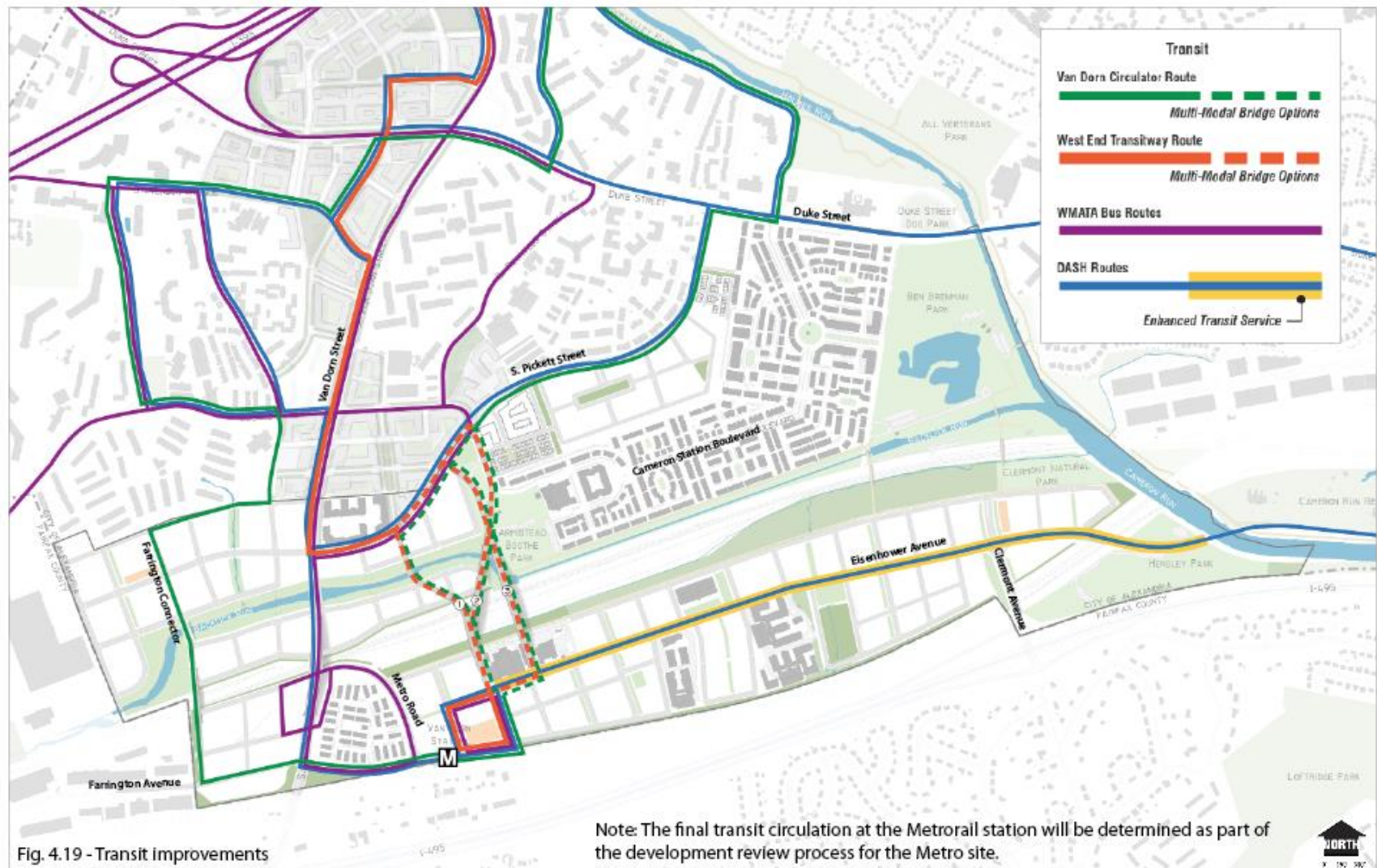
Transportation Study Boundary



Draft Plan: New Streets



Draft Plan: Transit Enhancements



Draft Plan: Multimodal Bridge

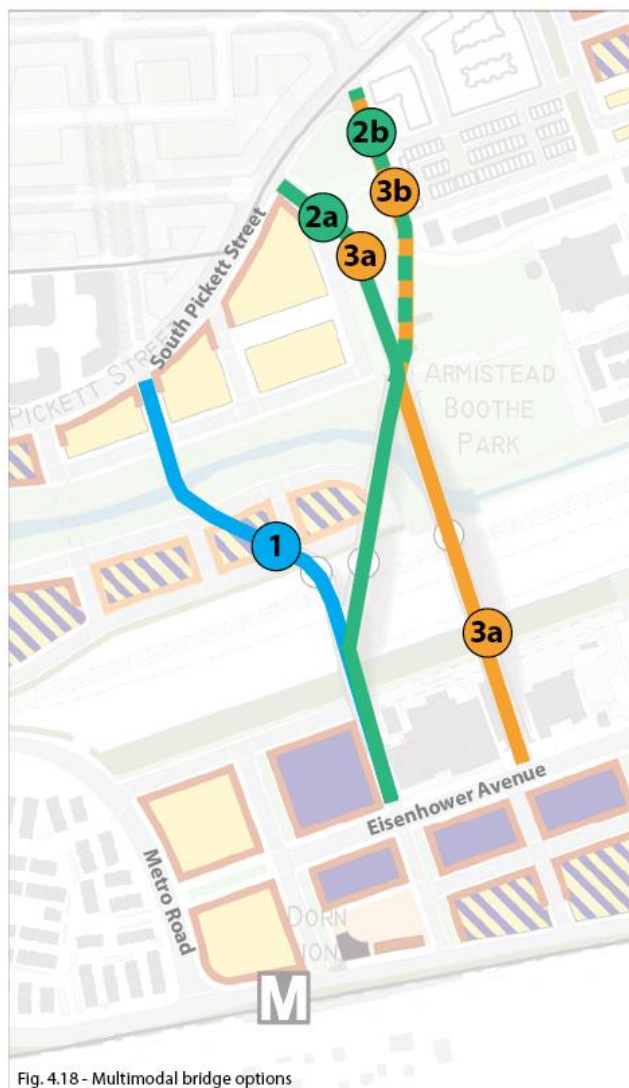
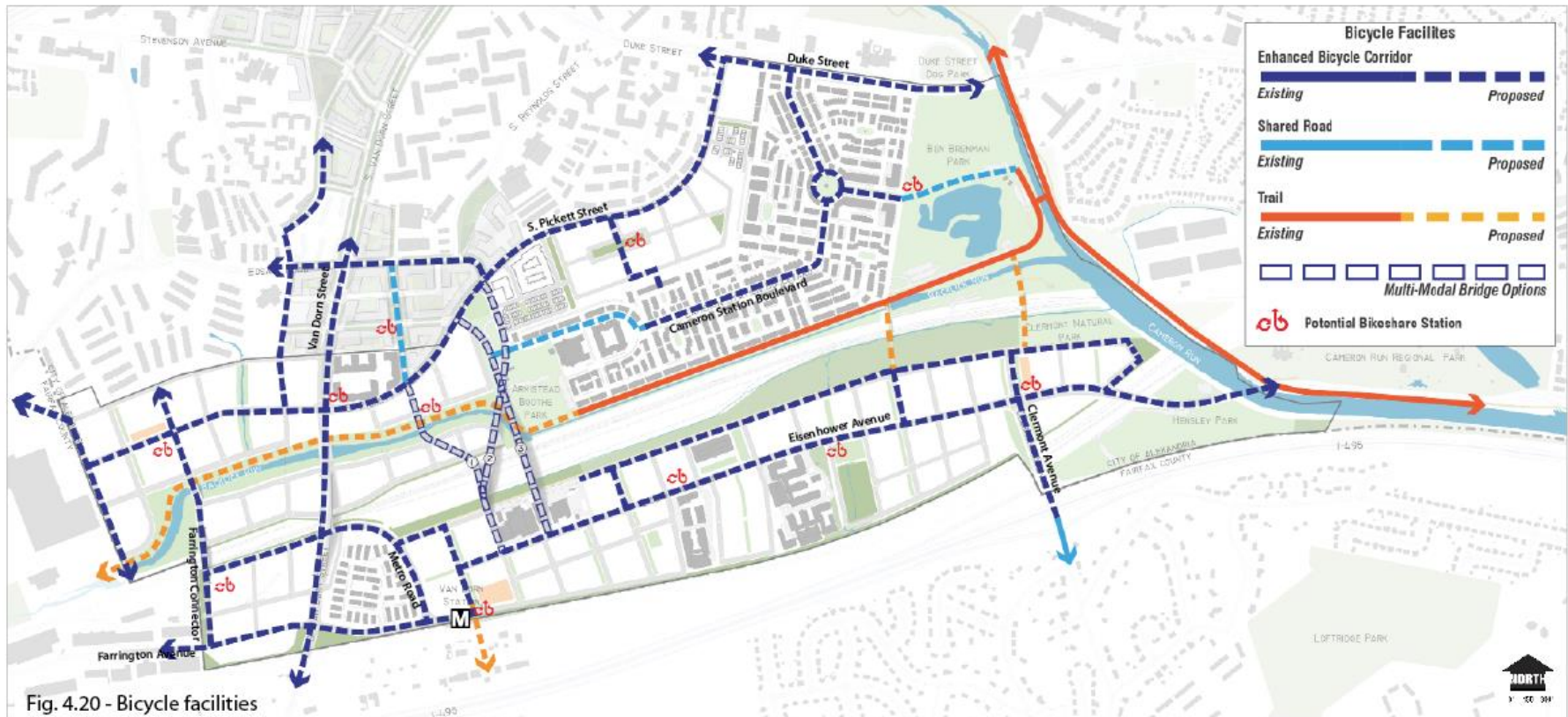
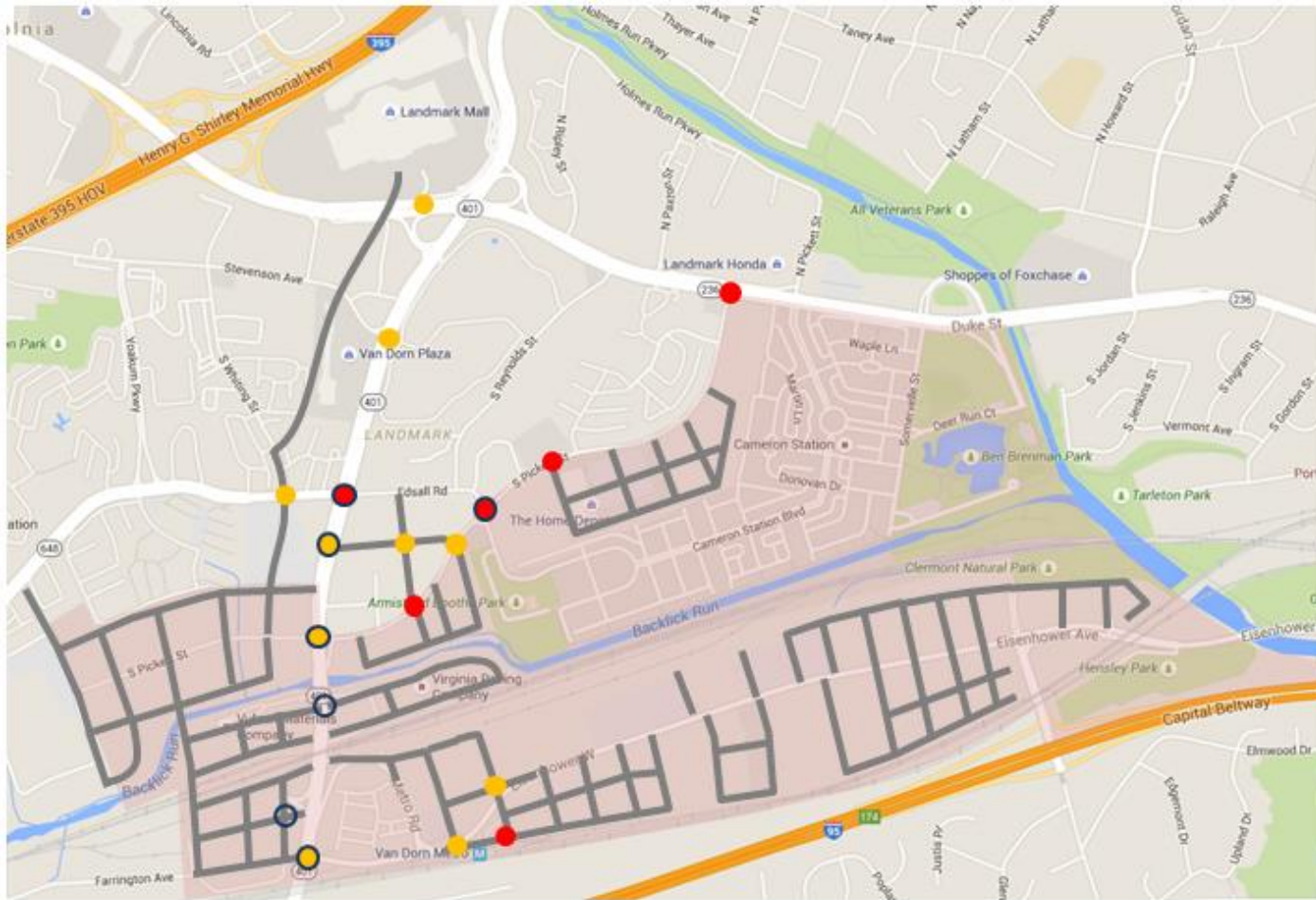


Fig. 4.18 - Multimodal bridge options

Draft Plan: Bicycling Enhancements



2040 Build without Bridge & Mitigation - PM Peak



Roadway Improvements

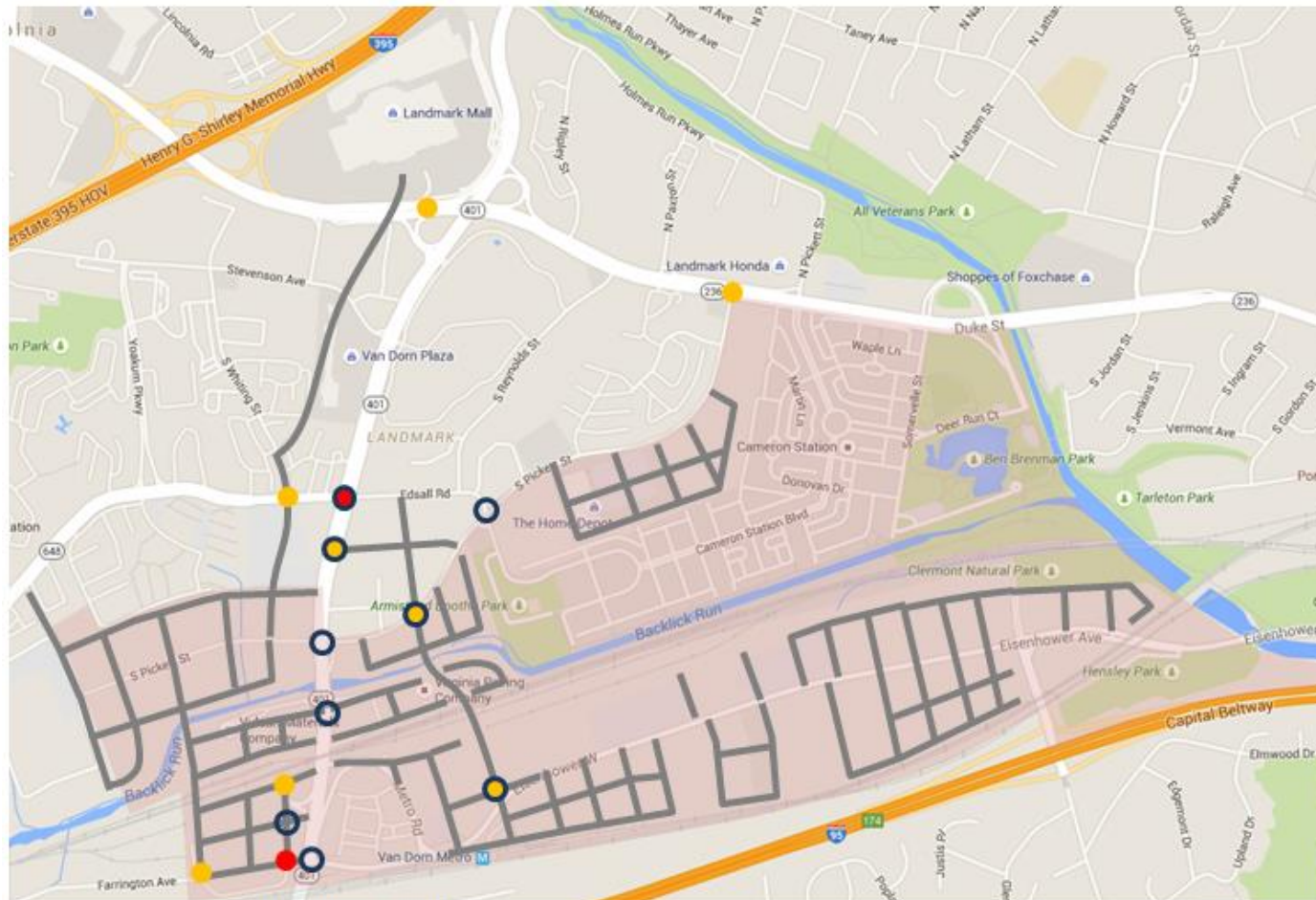
- LOS F intersection (PM Peak)
- LOS E intersection (PM Peak)
- Intersection proposed for Mitigation

Within Study area / Landmark Van Dorn

LOS F – 6 intersections

LOS E – 10 intersections

2040 Build with Bridge & Mitigation – PM Peak



Roadway Improvements

- LOS F intersection (PM Peak)
- LOS E intersection (PM Peak)
- Intersection proposed for Mitigation

Within Study area / Landmark Van Dorn

LOS F – 2 intersections

LOS E – 8 intersections

Summary of Traffic Mitigation Results

Scenario	Average LOS F (AM/PM)	Average LOS E (AM/PM)
2040 Build without Multimodal Bridge	9	10
Mitigated	5	8
2040 Build with Multimodal Bridge	5	9
Mitigated	2	5

Results within Eisenhower West SAP / Landmark-Van Dorn SAP Areas

Post-Adoption Action Items

- Detailed Air Modeling Analysis Near Metro
- Infrastructure and Funding Plan (Includes LMVDC Plan Area)
 - Curb/ROW to 20-20% design
 - Multimodal Bridge alignment
 - Farrington alignment
 - Widening Van Dorn Street bridge analysis
 - Sewer upgrades
 - Design guidelines
 - Developer contribution study and detailed phasing analysis
 - Establish a task force to guide study
- Analysis with Norfolk Southern on Crossings
- Backlick Run Restoration Master Plan
- Combined Heat Study
- Reclaimed Water Study
- Recreation Center/School Site Analysis
- Open Space Fund and Contribution Formula



What's Next

Consideration of Plan Adoption

- Thursday, November 5th, Planning Commission
- Saturday, November 14th, City Council



Commission Charge

- The Transportation Commission is created to advocate and promote development of balanced transportation systems for the City through **oversight of the implementation of the transportation element of the City's Master Plan.**

Questions?

www.alexandriava.gov/eisenhowerwest





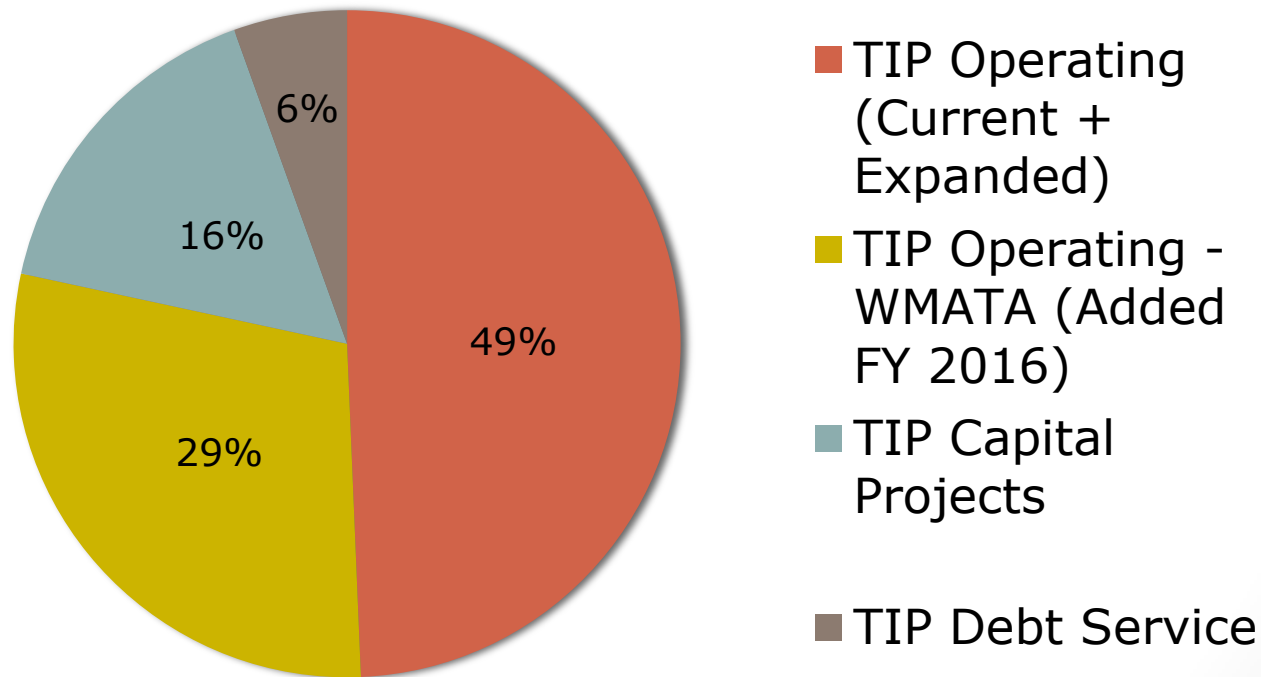
FY 2017-2026 BUDGET GUIDANCE

Agenda Item #5

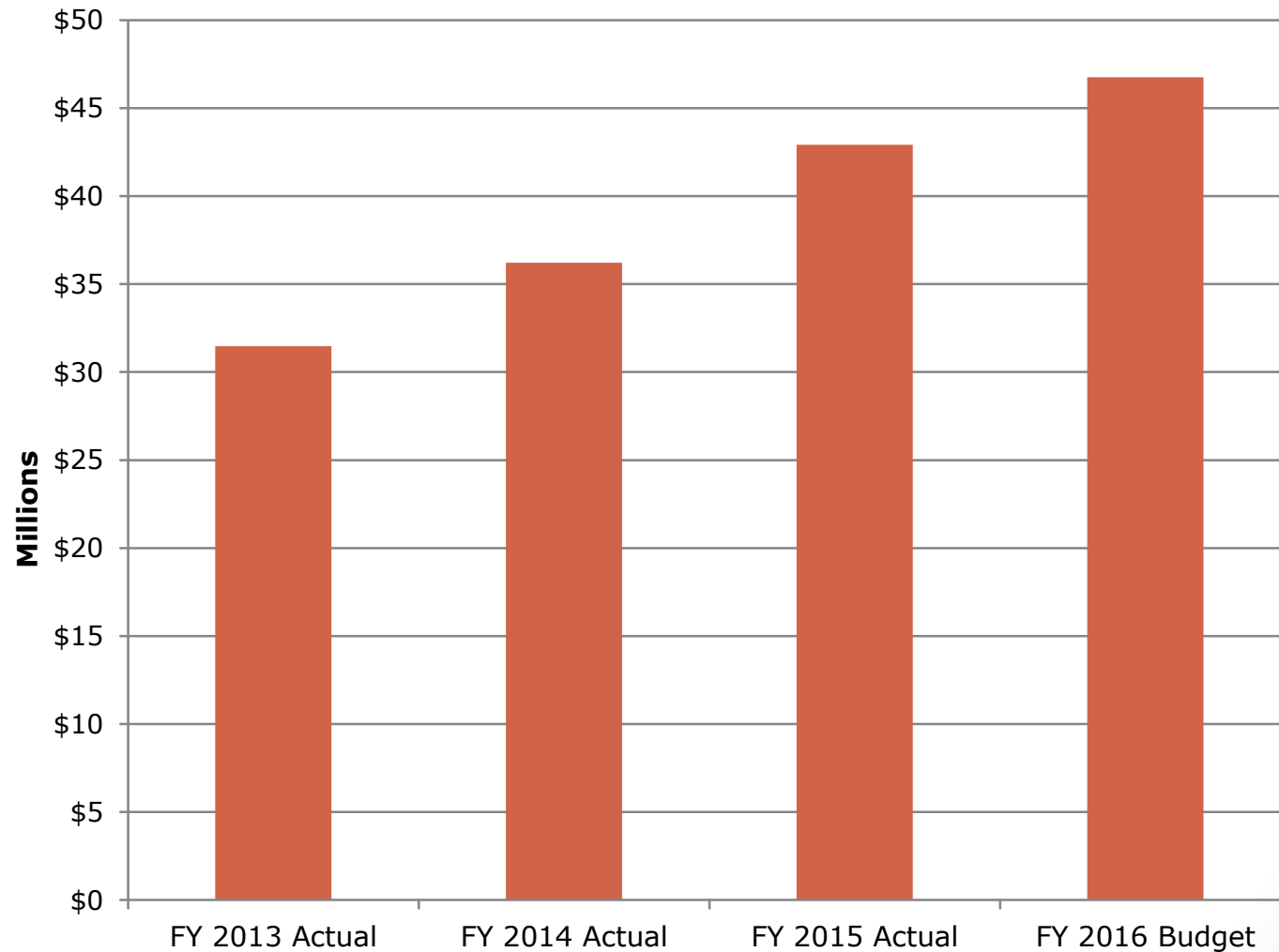
FY 2016 – FY 2025 Transportation Improvement Program Expenditure Summary



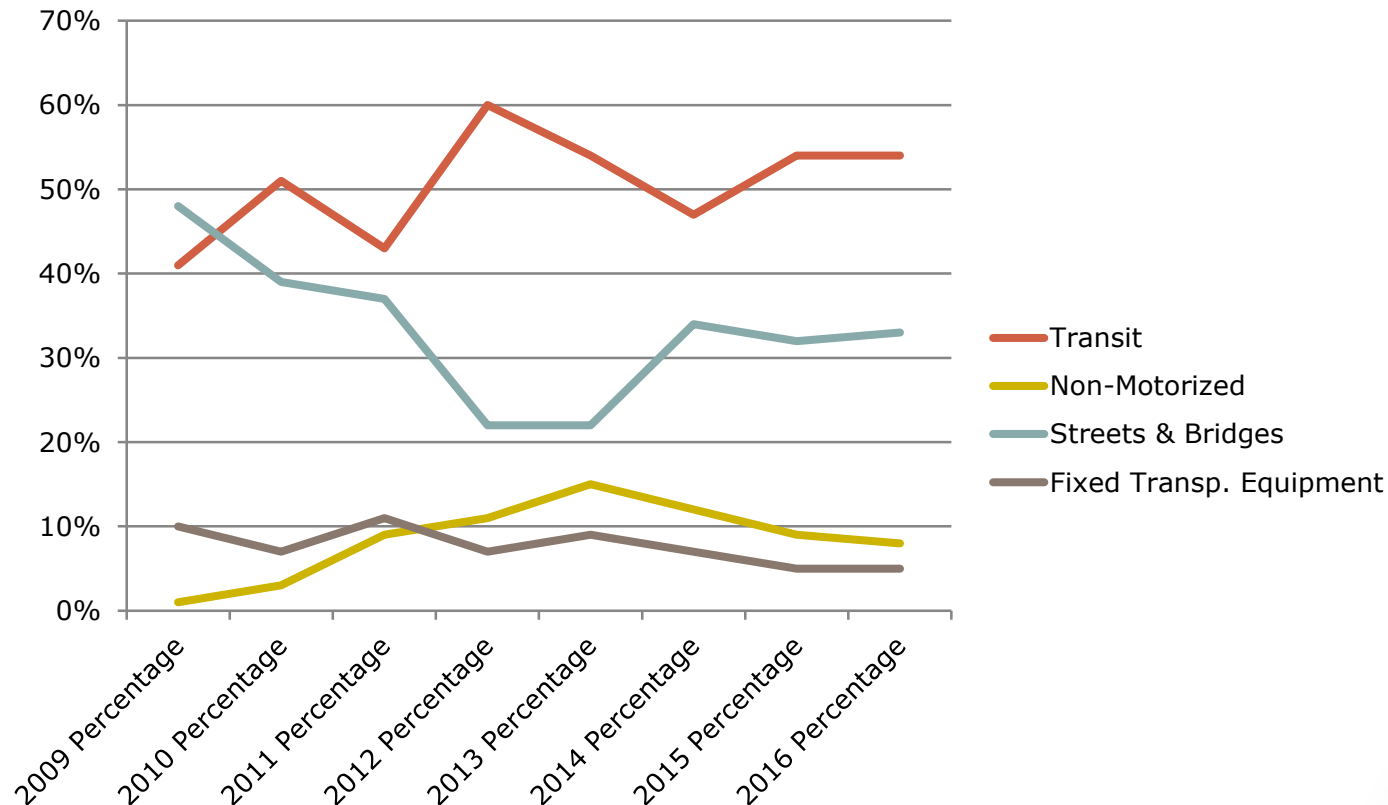
- Total of \$96 million over 10 years
- WMATA Operating \$28 million over 10 years
- WMATA Capital \$5.9 million over 10 years



Total WMATA Capital and Operating Expenses



Budget Trends by Mode



NOTES: *Transit excludes funding for Potomac Yard Metrorail station, and WMATA Capital funds*
2009-2011 CIP did not include Real Estate Tax for Transportation Improvements
2016 CIP Amount includes the TIP Balance as recommended by staff

Considerations

- Funding needs continue to outpace sources
- Some sources cannot finance maintenance and operations
 - NVTVA 70%
 - HB2 funds
 - State grants
- WMATA subsidy requests are increasing
- Economic development and growth
- State 'Fiscal Cliff'



FY 2016 Budget Guidance - Summary

- Preserve the 2.2 cent transportation reservation
- Commit adequate operating funds to implement new capital projects and programs
- Consider capitalizing staff positions
- Maintain funding for the City's highest priorities, as determined by Transportation Commission
- Allocate NVTa 70% funds for high priority major capital investments with regional impacts
- Utilize funding sources with least restrictions on project eligibility (i.e. CMAQ, RSTP, and NVTa 30% funds) for non-motorized projects, project development, ADA improvements, maintenance and operations

FY 2016 Budget Guidance (cont'd)

- Pursue discretionary grant funding for transportation projects
- Ensure adequate funding for the Alexandria Police Department to enforce the proper use of High Occupancy Vehicle (HOV) lanes on Route 1 and Washington Street
- Ensure City transportation funding levels are maintained or increased above the maintenance-of-effort requirements of HB2313
- Recognizing that regional transportation, including WMATA transit service, is a priority that should not fall entirely on the transportation budget but rather a shared cost, the Council should explore opportunities to help fund the regional transit needs beyond the City's transportation resources



TRANSPORTATION IMPROVEMENT PROGRAM (TIP) PROJECT BALANCE FUNDING

Agenda Item #6

TIP BALANCE ALLOCATION RECOMMENDATIONS

- Conservative budgeting for the projected needs of WMATA resulted in \$930,000 balance for FY 2016
- For projects with immediate FY 2016 budget needs
- Update at September 2015 Transportation Commission meeting
- Modified to include DASH Technologies
- TIP balance allocation proposal:

Project	Amount
Sidewalk Capital Maintenance	\$200,000
Holmes Run Greenway	\$500,000
DASH Technologies	\$230,000
	\$930,000



Resource Slides

Sidewalk Capital Maintenance Fund

- Sidewalk maintenance must be funded proportionate to street resurfacing
- Backlog of sidewalk maintenance requests
- Sidewalk maintenance a common concern heard during the Update to the Pedestrian and Bicycle Master Plan



Holmes Run Greenway Project



- Pedestrian and bicycle bridge
- Trail realignment to connect trail to bridge at the bridge's elevation
- Stream stabilization and enhancements
- Construction estimates are higher than the initial \$4.4 million project financing plan developed based on conceptual design

- == existing tunnel
- existing trail
- demo existing trail
- proposed trail
- proposed pedestrian bridge

DASH Technologies

- Automated Passenger Count - 20 buses and 5 trolleys
- Data for accurate reporting, farebox ridership validation, route evaluation, development and scheduling
- Improves routing and scheduling for DASH customers





PEDESTRIAN AND BICYCLE MASTER PLAN UPDATE

Agenda Item #7

Primary Project Objectives

- Update Pedestrian and Bicycle Chapters of Transportation Master Plan
 - Improve safety for pedestrians and bicyclists
- Develop Complete Streets Design Guidelines
 - Design guidance for staff, developers, and community

Project Schedule



Civic Engagement

- Community Events
- Public Meetings
- Council and Commission Meetings
- Ad Hoc Advisory Committee (8 meetings)
- Technical Advisory Committee
- Over 800 comments through online interactive map, survey and project website



What We've Heard and Response

Key themes:

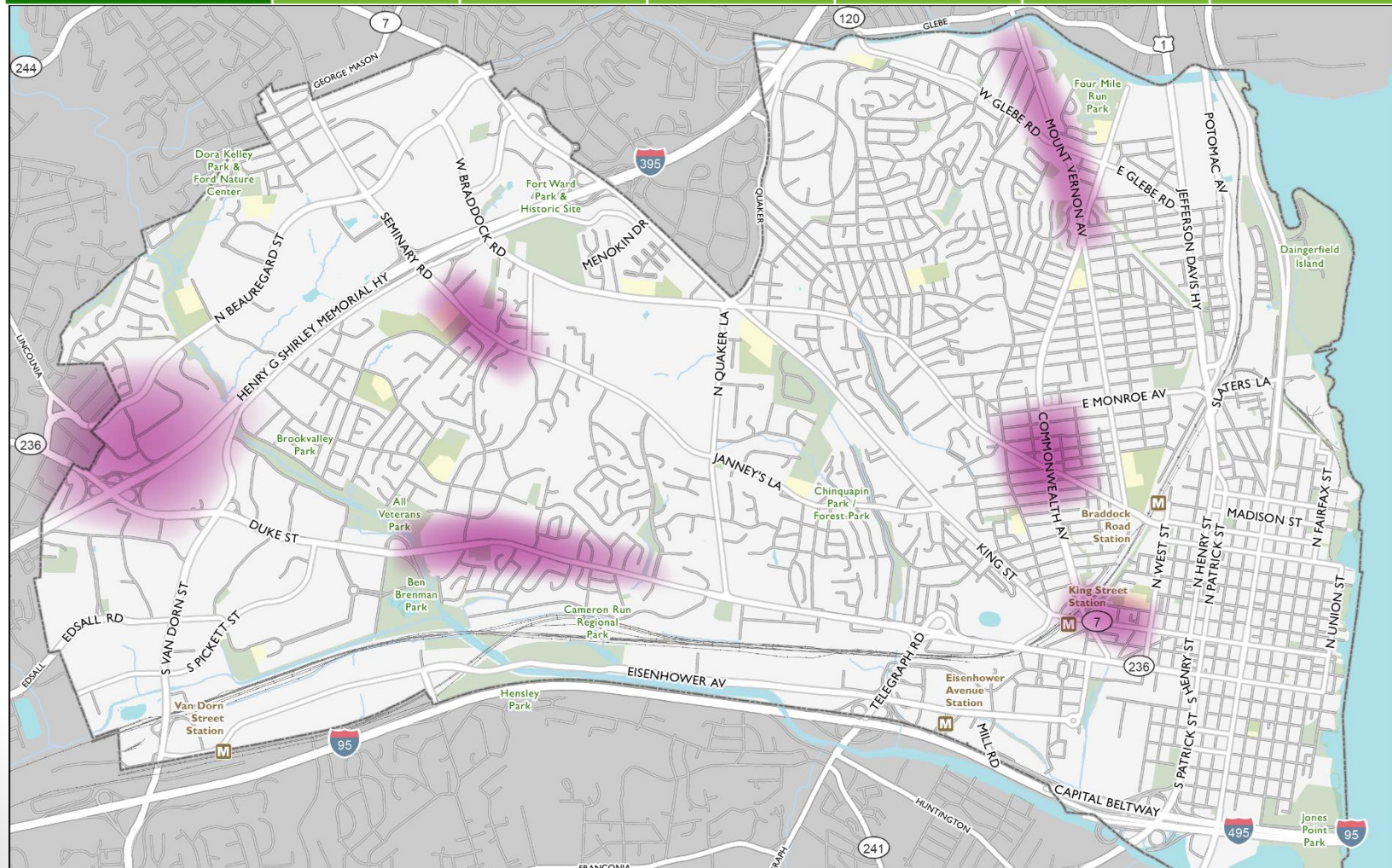
- Improve maintenance
- More education and outreach
- Reduce conflicts between pedestrians and bicyclists
- Provide Complete Streets
- Need for protected bike facilities

Example Goals/strategies respond to key themes:

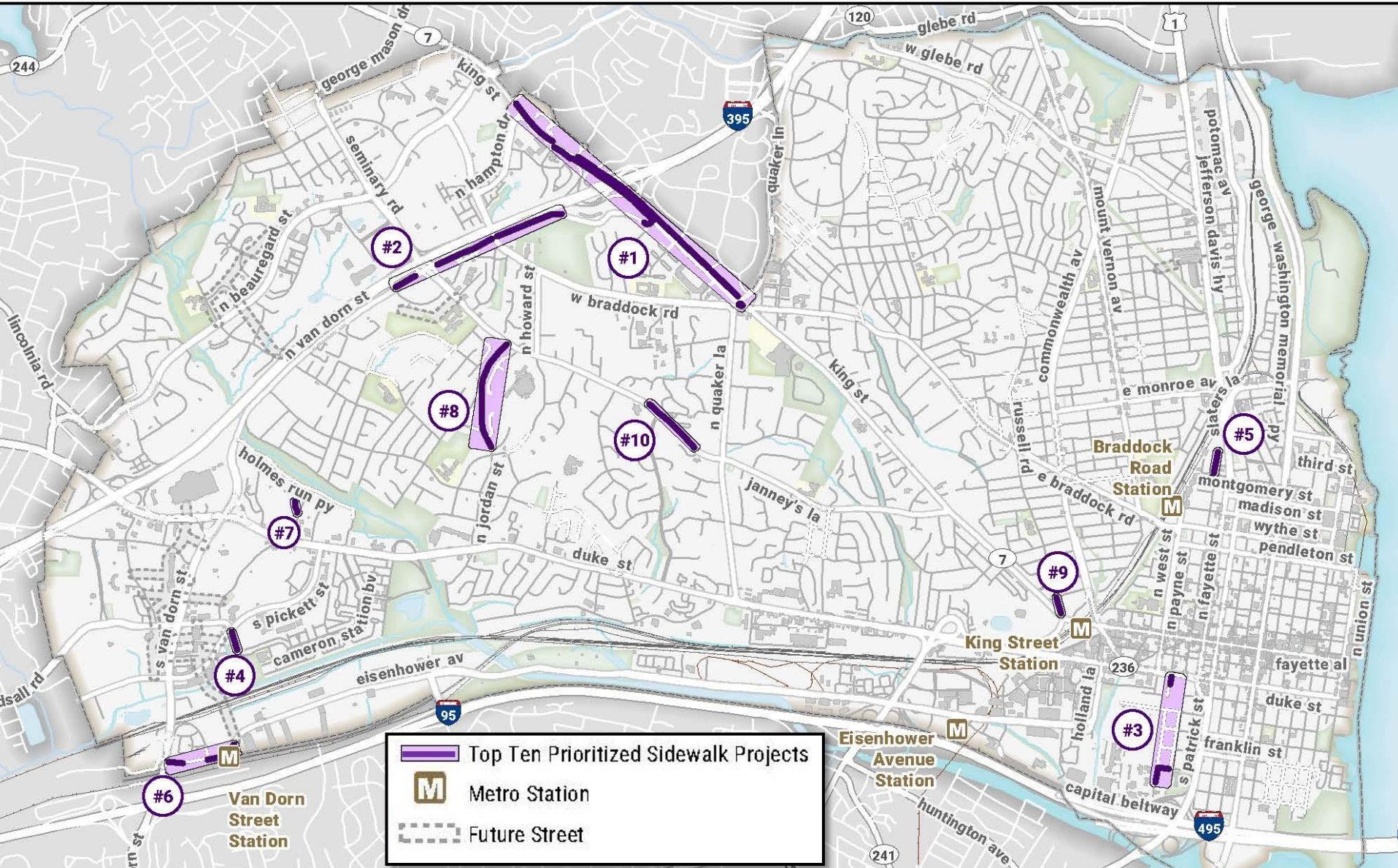
- Safety, engineering, encouragement, education goals
- Reduce fatalities through Vision Zero program
- Close sidewalk gaps, expand bike network, including protected bikeways
- Citywide promotion and education on safety, rights, and responsibilities

Pedestrian Case Study Areas

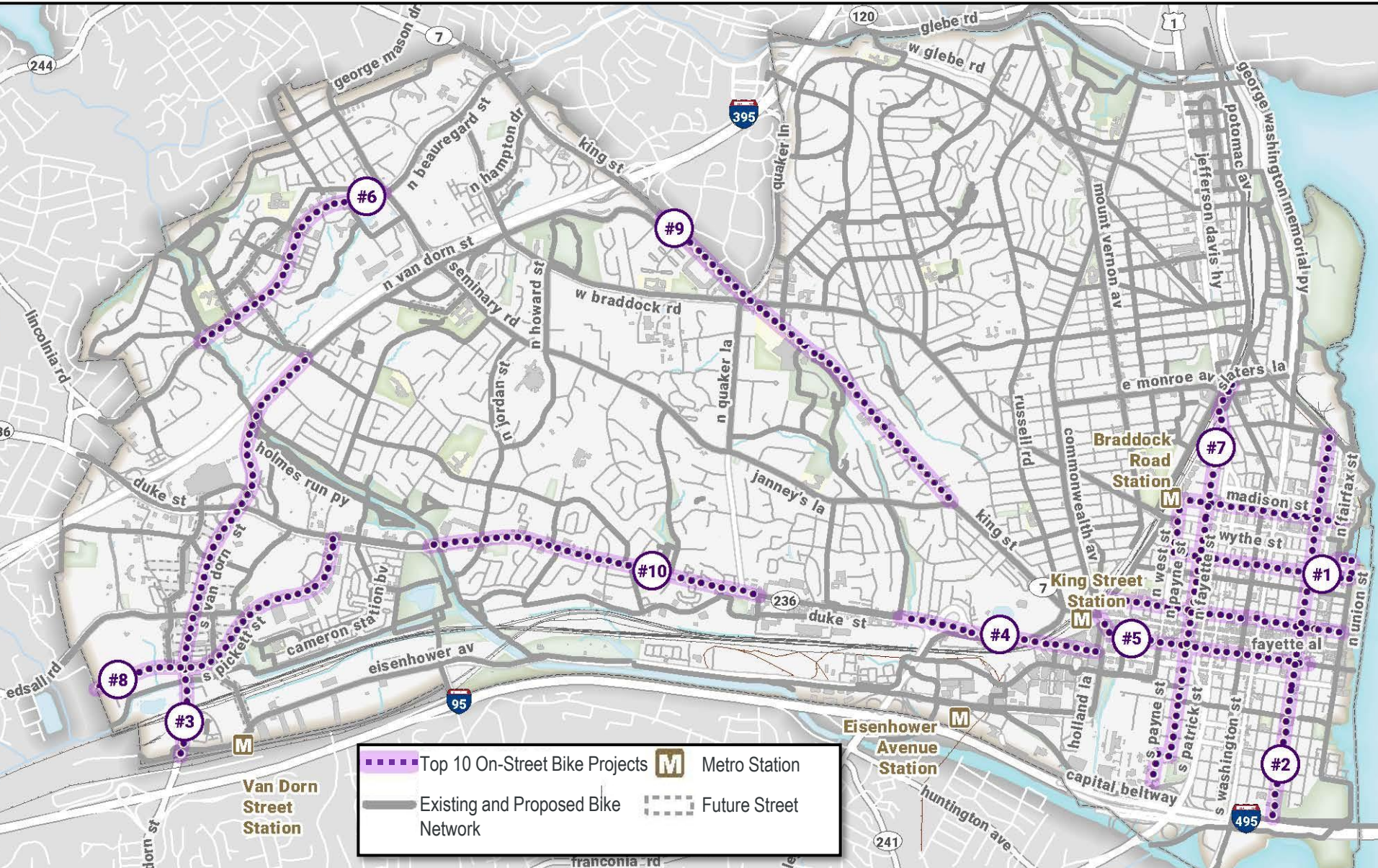
CASE STUDIES:	I-395 and Landmark Mall	Hammond Middle School Area	Duke Street Corridor	Commonwealth and Braddock	Mount Vernon Ave/ Four Mile Run	King Street Station
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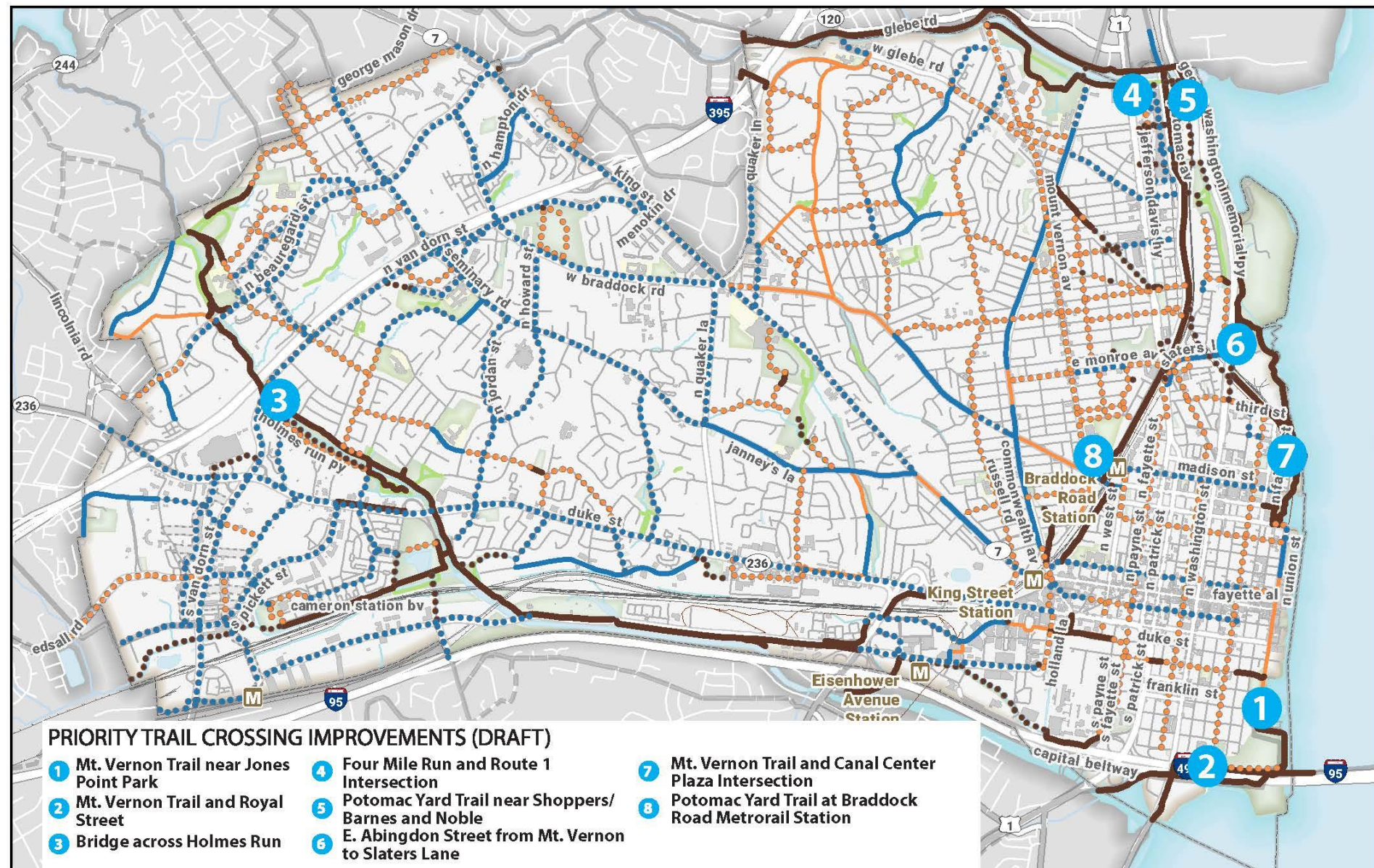
Draft Sidewalk Prioritization



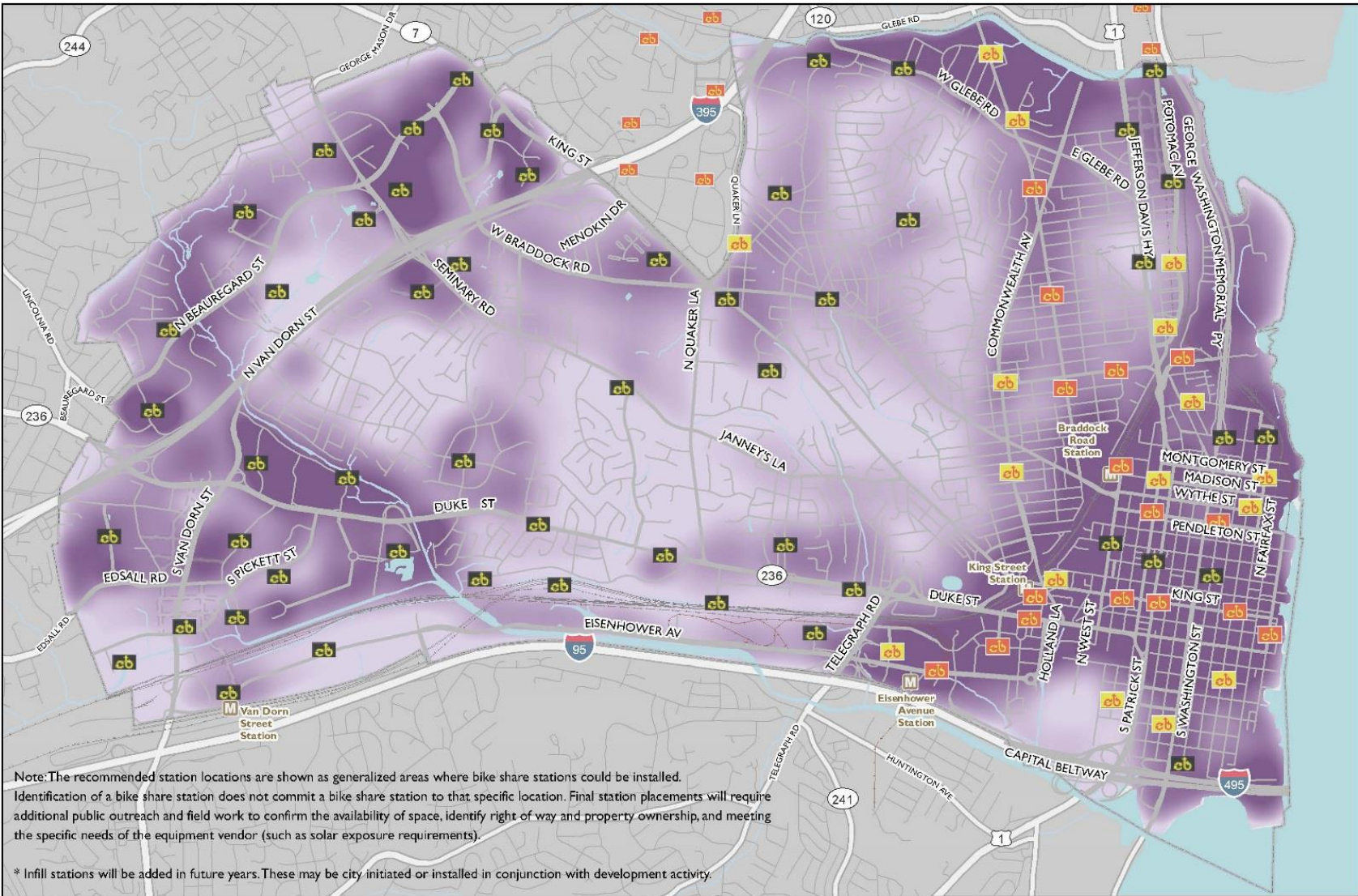
Draft Bicycle Network Prioritization



Draft Trail Transition Improvements



Draft Capital Bikeshare Locations



City of Alexandria, Virginia

Department of Transportation and
Environmental Services

Proposed Bike Share Locations
Alexandria Pedestrian and Bicycle Master Plan

Complete Streets Design Guidelines

- Develop Complete Streets Design Guidelines
 - Integrate design guidance (e.g. green sidewalks)
 - Incorporate range of bike/ped facilities
 - Create reference for staff, developers and community

Major Elements	Guidelines
Street Typologies	Street character based on adjacent land uses
Sidewalk Zones	Design, materials, trees, plantings, wayfinding, bicycle parking, transit, lighting
Roadways	Speed, lane widths, traffic calming, truck and emergency vehicle access, transit, bicycle facilities
Intersections	Geometry, access, crossings, control, signalization, pedestrian signals, transit , bicycle treatment
Curbsides	Parking, bicycle parking, parklets, charging stations

Complete Streets Design Guidelines

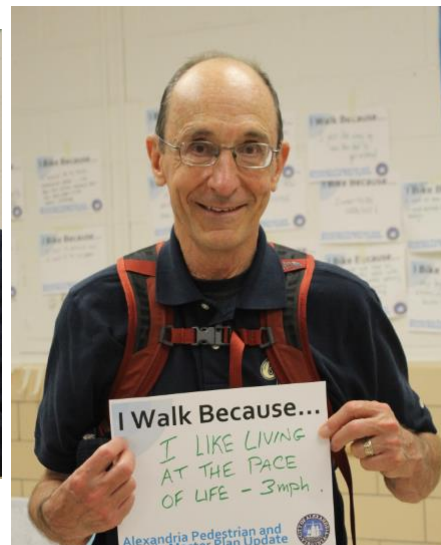


Next Steps

FALL 2015: Continued public outreach

WINTER 2016: Public Release of Draft Plan

SPRING 2016: Planning Commission, Transportation Commission and Council Review for Approval / Amendment to Master Plan



Questions?

www.alexandriava.gov/pedbikeplan



OTHER BUSINESS

Agenda Item #8